

NGDA Theme Community Meeting

November 5, 2020
1:00 – 2:30 PM ET

Webinar:

[Join Microsoft Teams Meeting](#)

Dial-In (if not joining via Teams audio):

703.648.4848 / Toll Free: 855.547.8255

Code: 79000#



Agenda

- ❖ Welcome and Roll Call
- ❖ GeoPlatform.gov Presentation – Joel Schlagel
- ❖ Metadata Review Status and Next Steps
- ❖ NGDA Data Theme Changes
 - ❖ Pending NGDA Portfolio Changes
- ❖ GDA Reporting Review
 - ❖ Covered Agency (CA) Report Template
 - ❖ Lead Covered Agency (LCA) Report Template Development
 - ❖ NGDA Baseline Standards Inventory
 - ❖ Other Activities – NSDI SP and Circular A-16
- ❖ Open Discussion

Roll Call

Theme	Name	Agency	Theme	Name	Agency
Address	Matt Zimolzak	Census Bureau	Governmental Units	Dierdre Bevington-Attardi	Census Bureau
Address	Steve Lewis	DOT	International Boundaries	Lee Schwartz	DOS
Biodiversity and Ecosystems	Marcia McNiff	USGS	Imagery	Greg Snyder	USGS
			Imagery	John Mootz	USDA
Cadastre	Dominica VanKoten	BLM	Land Use - Land Cover	Jim Ellenwood	USFS
Climate and Weather	Kari Sheets	NOAA	Land Use - Land Cover	Brad Reed	USGS
			Real Property	Valerie Butler	GSA
Cultural Resources	Deidre McCarthy	NPS	Soils	Drew Kinney	USDA
Elevation	Ashley Chappell	NOAA	Transportation	Derald Dudley	DOT
Elevation	Sue Buto	USGS	Utilities - Offshore	Jeff Harris	BSEE
Geodetic Control	Daniel Roman	NOAA	Utilities - Terrestrial	TBD	
			Water - Inland	Megan Lang	FWS
Geology	Paul Godfriaux	BOEM	Water - Inland	Becci Anderson	USGS
Geology	Dave Soller	USGS	Water - Oceans and Coasts	Patrick Keown	NOAA

GeoPlatform Presentation

... a look at what's coming with the next release



Joel Schlager
DOI Affiliate, GeoPlatform Technical Lead

Metadata Review Process Overview



NGDA Metadata Review Process Overview

- ❖ Metadata review was completed by NGDA Team
- ❖ Goal is to ensure smooth ingestion of NGDA metadata into Data.gov and the GeoPlatform.gov
- ❖ Distributing the Results:
 - ❖ Created an MS Team Room NGDA Dataset Managers and Theme Leads
 - Long term: Will support sharing of documents for other processes
 - ❖ Emails on October 5 with invitation to MS Teams, then on November 1 with instructions, some follow up email troubleshooting access.
- ❖ Contact ngdateam@fgdc.gov if you are having access issues

NGDA Metadata Review Documentation

❖ 2020 NGDA Metadata Review Folder

- ❖ **NGDA Metadata Review Process Guide & Checklist**

- ❖ **NGDA Metadata Review Summary**

 - ❖ Common metadata errors and omissions

 - ❖ Gathering recommendations for updating Guidance

- ❖ **Metadata Review and Quality Control Log**

 - ❖ For your input...

NGDA Metadata Review Next Steps

❖ Next Steps for NGDA Dataset Managers

- ❖ Dataset Managers, Theme Leads, and Agency Points of Contact (POCs) will receive an email with a link to Teams room and the metadata review results file: **Quality Control Review Log**
- ❖ Dataset Managers (and/or NGDA Metadata designees) will review metadata issues for making necessary corrections
- ❖ Dataset Managers will update the Quality Control Log when corrections are complete
- ❖ Status of corrections will be provided to the Steering Committee

Pending NGDA Portfolio Changes



Pending Changes to the NGDA Portfolio

- ❖ DOI requests are marked “Pending Approval by DOI”
 - They are designated as “Pending” in the [Official NGDA Portfolio list](#) in the Portfolio Community site
 - **Please coordinate with your GAC member to coordinate those changes** for resubmission through the Steering Committee in an upcoming vote
- ❖ One new request was made for Cadastre Theme to retire a USACE NGDA (see following slides for details)

Pending Changes

Theme	Lead Agency	Proposed action for vote	Status	NGDA Dataset	Change Justification
Biodiversity and Ecosystems	USGS	Approve New NGDA	<i>Pending Approval by DOI</i>	GAP/LANDFIRE National Terrestrial Ecosystems	Meets all requirements for an NGDA
Cadastre	BLM	Approve Splitting NGDA into Three NGDA	<i>Pending Approval by DOI</i>	BLM National Surface Management Agency Area Polygons	Replaces a single NGDA with three NGDA (two still in development)
	BLM	Approve Replacing NGDA	<i>Pending Approval by DOI</i>	BLM National Administrative Unit Boundary Polygons and Office Points - National Geospatial Data Asset (NGDA)	Combines polygons and points into one NGDA
	BIA	Approve Replacing NGDA	<i>Pending Approval by DOI</i>	B American Indian Reservations (AIR) Exterior Extent Boundaries	Updates a similar NGDA
	USACE	Approve Retiring NGDA	<i>Pending final justification and vote</i>	Army Military Land Tracts (AMLT)	Duplicates NGDAID 11 and 134

Pending Changes (Cont.)

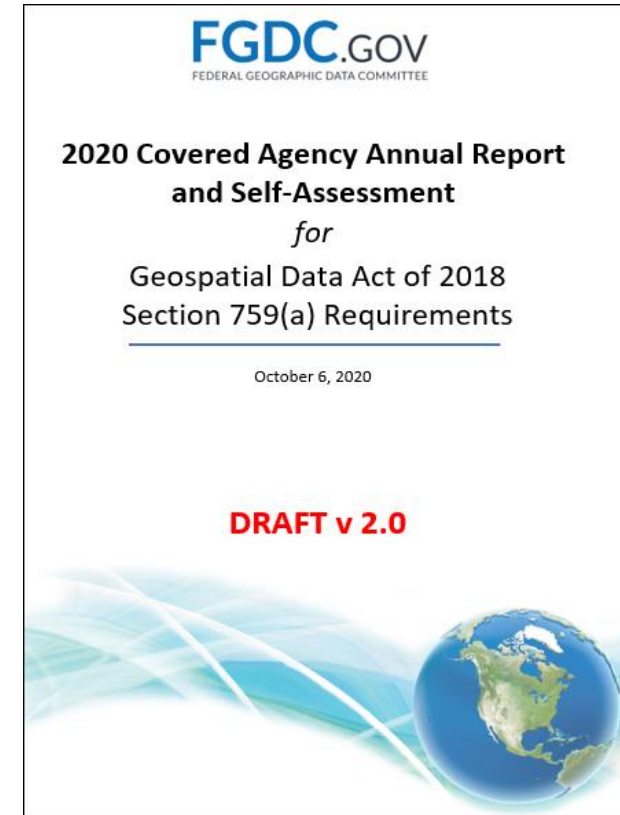
Theme	Lead Agency	Proposed action for vote	Status	NGDA Dataset	Change Justification
Imagery	BLM	Approve Combining two NGDA into one NGDA	<i>Pending Approval by DOI</i>	BLM National Surface Management Agency Area Polygons	Combines NGDAID 67 (Boundary Polygons) and NGDAID 68 (Office Points) into one NGDA
	USGS	Approve Replacing NGDA	<i>Pending Approval by DOI</i>	USGS High Resolution Orthoimagery Collection - Historical - National Geospatial Data Asset (NGDA) High Resolution Orthoimagery	No longer funded or supported. Moved from active to historical.
	USGS	Approve New NGDA	<i>Pending Approval by DOI</i>	Landsat 8 Operational Land Imager (OLI) and Thermal Infrared Sensor (TIRS) Collection 1 V1	New NGDA in line with Landsat 4-5 and 7

GDA Reporting Review



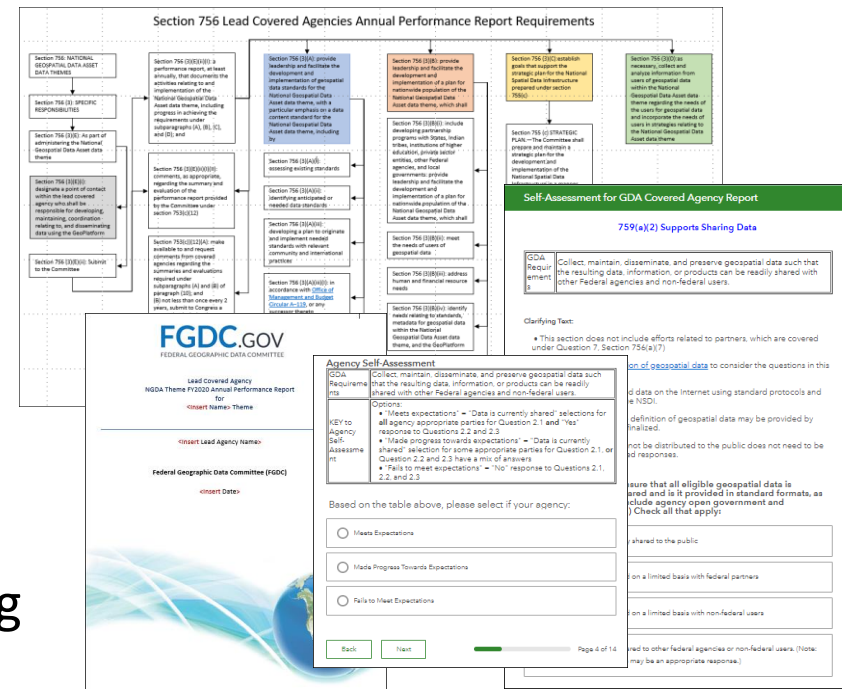
Covered Agency Reports

- GDA Section 759 identifies 13 requirements for Covered Agencies
 - Standardized report template to measure agency progress and provide self-assessments based on common criteria and suite of questions for each requirement, using GeoPlatform & Survey123
 - Results in an overall rating for each of the 13 requirements, as well as an initial overall rating of Covered Agency performance
- Vote on Draft Template ended 10/21
- Some late changes were submitted, recommended implementing them. Summary of changes and updated draft 3.0 sent to SC for approval by Friday, November 6.
- Testing and Account Setup to begin soon.
- Roll-out to agency POCs to follow



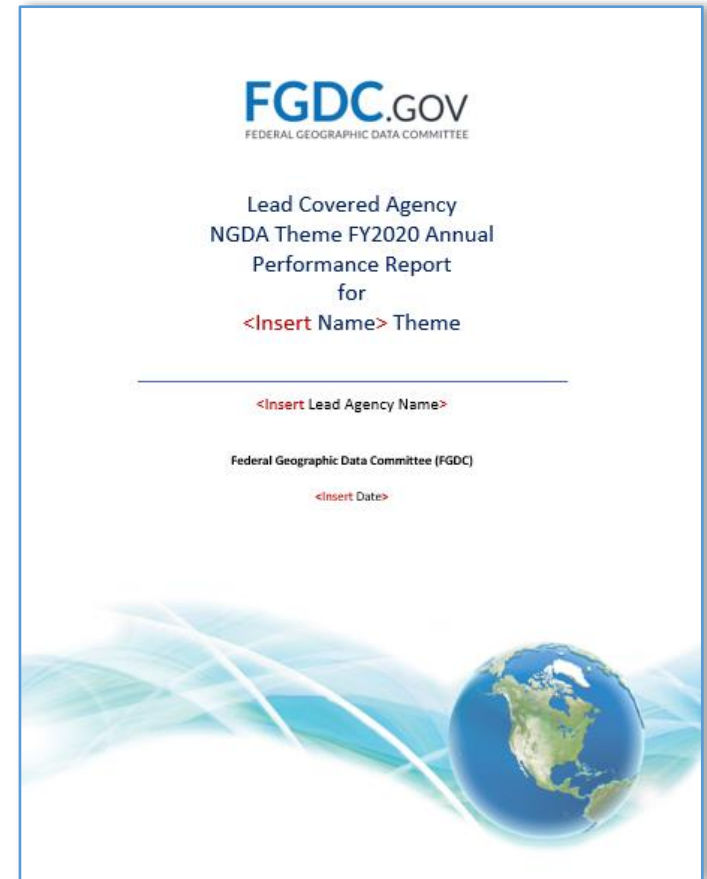
Lead Covered Agency Report

- ❖ GDA Section 756 identifies requirements for Lead Covered Agencies (DOI, DOC, USDA, GSA, DOT)
- ❖ Cross-Agency Team developing template addressing progress on:
 - A. Geospatial Data Standards
 - B. Nationwide Population of Data Themes
 - C. Actions that Support the Goals and Objectives in the NSDI Strategic Plan
 - D. Addressing User Needs
- ❖ Baseline report will document on-going NGDA Portfolio Community efforts that align with GDA requirements
- ❖ SC Update: Template will be provided soon for final agency review



Lead Covered Agency (LCA) Report Template Development

- ❖ The federal team of volunteers is meeting weekly to finalize the LCA Annual Performance Report template
- ❖ A template has been drafted to meet the **FY2020 baseline requirements**
- ❖ Future reporting is dependent on plan development, the final NSDI Strategic Plan and release of the revised Circular A-16



FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Lead Covered Agency
NGDA Theme FY2020 Annual
Performance Report
for
<Insert Name> Theme

<Insert Lead Agency Name>

Federal Geographic Data Committee (FGDC)

<Insert Date>

LCA Report Template Team

❖Members:

- ❖ Team Lead: – Lorna Schmid
- ❖ FGDC OS John Mahoney
- ❖ NGDA Support Team – Jim Irvine & Robin Hoban
- ❖ DOT: Derald Dudley & Raquel Wright
- ❖ NOAA: Dan Roman
- ❖ CENSUS: Dierdre Bevington-Attardi, Karla Riso, & Sara Cassidy
- ❖ FWS: Megan Lang
- ❖ USDA: Lisa Delmonico & Carol Spurrier
- ❖ GSA: Valerie Butler

LCA Report Template Development (cont.)

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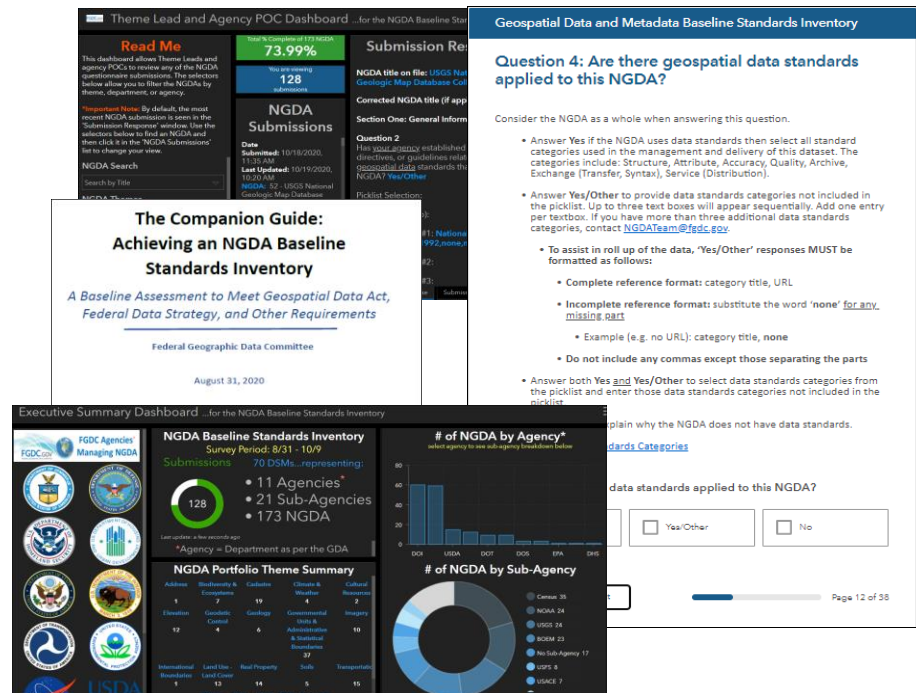
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NGDA Baseline Standards Inventory



NGDA Baseline Standards Inventory

- ❖ Geospatial standards related to 173 NGDA
- ❖ Supports FDS 2020 Action Plan and GDA Sections 756 and 759
 - ❖ Data Content Standards: Structure, Attributes, Accuracy, Quality, Archive, Transfer, and Services
 - ❖ Metadata Content Standards: Content and Exchange formats, Services, and Data download
- ❖ Gathered using Esri Survey 123 through GeoPlatform
- ❖ Data analysis and dashboard development for results has begun
- ❖ Responses were due October 9, 2020
 - 75% completion to date



[NGDA Theme Lead and Agency POC Dashboard](#)

NGDA Baseline Standards Inventory – Timeline

- **Validation of Dataset Manager POCs: Request sent to Steering Committee, GDA Team and Theme Community**
- **Beta Testing (8/3 - 8/14) - COMPLETE**
 - Requested Volunteers from NGDA Theme Community
 - Test period 8/7- 8/14
- **Post beta test corrections to Survey and Companion Guide - COMPLETE**
- **Assessment sent to all DSM and POCs – COMPLETE**
 - Emailed DSMs/survey respondents - 8/31
 - Instructions provided to verify GeoPlatform AGOL access and access technical support
 - Link to assessment and token, Companion Guide & online resources
 - Hosted Training and Q&A – 9/10
- **Survey Period Ended Friday 10/9 – 77% Completion**
- **Post Assessment 10/12 – 11/16 –**
 - Results Dashboard in progress
 - Begin Analysis and Generate Statistics
 - FDS 2020 Action Plan Action 10 Milestones – FGDC Deliverable “NGDA Baseline Standards Inventory”
- **Deliver results to FGDC OS and agencies 11/16 –**

FDS FY 2020 Action Plan – FGDC Action

SC Member ACTIONS: 1) Identify FGDC lead. 2) Baseline standards inventory in process – agencies should ensure their completion. **For FGDC Decision:**

Part 4: GDA Lead Covered Agencies for NGDA data assets will identify, inventory, and publish the status and standards being used for each of the NGDA data themes and content and services metadata.

Milestone: Track NGDAs for implementation of standards

Measure: Percentages of NGDAs with: i) metadata standards, ii) established content standards, iii) standards in process, iv) data assets not requiring standards, v) no established standards

Status: On-going and on-track for completion by December

PROPOSED Resolution: Close in December and report metrics i), ii), v). The metrics for iii) and iv) will not be captured in the initial assessment.

Approach: The NGDA Portfolio Team in conjunction with the DOI SAOGI to 1) provide an online survey to NGDA theme and dataset managers to create a baseline of standards to report initial measures, 2) propose FGDC technical guidance defining when a standard is required (**this policy has not been created and should be part of the broader FGDC approach to standards**).

NGDA Baseline Standards Inventory – Status as of 11/4

Response/Status	Theme Name	Official NGDA Name
Not Submitted	Biodiversity and Ecosystems	Terrestrial Ecosystems of the Conterminous United States
Not Submitted	Governmental Units, and Admin	HUD Entitlement Grantee Jurisdiction
Not Submitted	Real Property	Assisted Housing - Housing Choice Vouchers By Tract
Not Submitted	Real Property	Fair Market Rents (Fair Market Rents For The Section 8 Housing Assistance Payments Program)
Not Submitted	Real Property	HUD Insured Multifamily Properties
Not Submitted	Real Property	FHA Insured Single Family Properties
Not Submitted	Real Property	Sustainable Communities Regional Planning Grantees - National Geospatial Data Asset (NGDA)
Not Submitted	Real Property	FHA Single Family REO Properties For Sale
Not Submitted	Real Property	Public Housing Authorities
Not Submitted	Real Property	Public Housing Buildings
Not Submitted	Real Property	Public Housing Developments
Not Submitted	Real Property	Low Income Housing Tax Credit Properties
Not Submitted	Real Property	Assisted Housing - Multifamily Properties (Assisted) – National Geospatial Data Asset (NGDA)
Not Submitted	Transportation	North American Rail Lines (National) - National Geospatial Data Asset (NGDA) North American Rail Lines
Not Submitted	Transportation	North American Rail Nodes (National) - National Geospatial Data Asset (NGDA) North American Rail Nodes
Not Submitted	Water - Inland	National Levee Database
Not Submitted	Water - Inland	National Inventory of Dams

NGDA Baseline Standards Inventory – Status as of 11/4

Response/Status	Theme Name	Official NGDA Name
Alt. POC in Progress	Elevation	National Flood Hazard Layer (NFHL)
Alt. POC TBD	Cadastral	BIA Indian Lands Dataset (Indian Lands of the United States)
Alt. POC TBD	Cadastral	BAmerican Indian Reservations (AIR) Exterior Extent Boundaries
In Progress	Biodiversity and Ecosystems	Environmental Sensitivity Index (ESI) Data Viewer and REST Services for Atlases
In Progress	Imagery	Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER)
In Progress	Imagery	Moderate Resolution Imaging Spectroradiometer (MODIS) - Aqua
In Progress	Imagery	Moderate Resolution Imaging Spectroradiometer (MODIS) - Terra
In Progress	Imagery	Landsat 7 Enhanced Thematic Mapper Plus Collection 1 Level-1 -
In Progress	Imagery	Landsat 1-5 Multispectral Scanner Collection 1 Level-1 -
In Progress	Imagery	Landsat 4-5 Thematic Mapper Collection 1 Level-1 -
In Progress	Imagery	Landsat 8 Operational Land Imager and Thermal Infrared Sensor - National Geospatial Data Asset (NGDA)
In Progress	Real Property	Inventory of Owned and Leased Properties (IOLP)
In Progress	Transportation	Airports (National) - National Geospatial Data Asset (NGDA) Airports
In Progress	Transportation	Runways (National) - National Geospatial Data Asset (NGDA) Runways
In Progress	Transportation	Inland Electronic Navigational Charts (IENC)
In Progress	Transportation	Fixed-Guideway Transit Lines (National) - National Geospatial Data Asset (NGDA) Transit (Lines)
In Progress	Transportation	Waterway Locks (National) - National Geospatial Data Asset (NGDA) Locks
In Progress	Transportation	Ports (National) - National Geospatial Data Asset (NGDA) Ports
In Progress	Transportation	Navigable Waterway Routes (National) - National Geospatial Data Asset (NGDA) Waterway Lines
In Progress	Transportation	Navigable Waterway Nodes (National) - National Geospatial Data Asset (NGDA) Waterway Nodes
In Progress	Utilities	Outer Continental Shelf Oil and Natural Gas Pipelines - Gulf of Mexico Region NAD 27
In Progress	Utilities	Outer Continental Shelf Oil and Natural Gas Platforms - Gulf of Mexico Region NAD 27

NSDI Strategic Plan Session



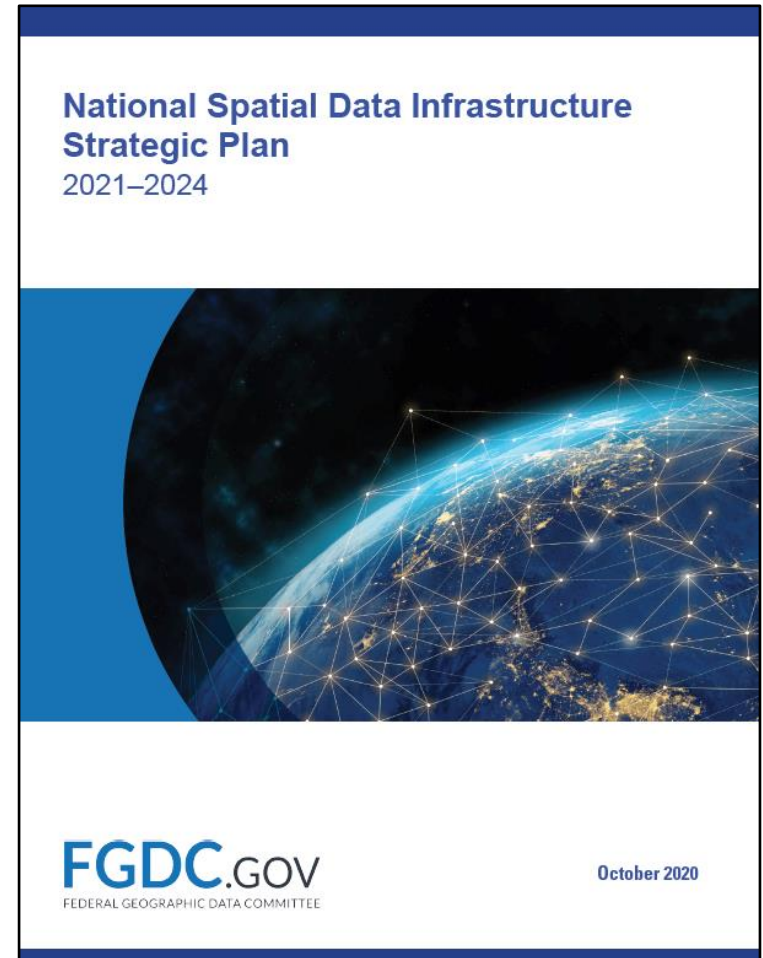
NGDA Theme Community Meeting
taken from
October 29, 2020
FGDC Steering Committee Meeting

NSDI Planning Approach

- Collaborative approach, partnership with NGAC NSDI subcommittee
- Outreach – NSDI Leaders Forum sessions, inputs from FGDC agencies, NGAC subcommittee, partners
- Alignment with related data initiatives:
 - Evidence Act/OPEN Government Data Act
 - Federal Data Strategy
 - UN-GGIM Integrated Geospatial Information Framework (IGIF)

Final Draft NSDI Plan

- Final Draft Plan addresses comments received through Public Comment Period & recent meetings with Steering Committee, NGAC, and Leaders Forum group
- **Endorsed by NGAC on Oct 27**
- Distributed to Steering Committee for electronic vote on October 22.
- **Steering Committee votes due by November 5**



NSDI Strategic Goals

Goal 1

Implement the national geospatial policy and governance framework as defined by the Geospatial Data Act and related statutes and policies

Goal 2

Advance the maturity of, accelerate the acquisition of, and expand the sources of National Geospatial Data Assets to ensure that they are findable, accessible, interoperable, and reusable

Goal 3

Ensure open standards-based interoperability to enable geospatial shared services

Goal 4

Enable and promote collaborative governance and partnerships to meet national needs, priorities, and circumstances

Implementation - Next Steps

Initial Implementation Milestones

NSDI Strategic Plan and Agency Geospatial Strategy Implementation

Timeframe	Activity
October 2020	NSDI strategic plan approved by the FGDC Steering Committee/endorsed by the NGAC
December 2020	FGDC covered agencies complete geospatial strategies required by the GDA (in support of the NSDI strategic plan)
March 2021	NSDI implementation plan completed

Open Discussion



Next Meeting:
Thursday, December 1st, 2020
1:00 PM – 2:30 PM ET

2020 Theme Community Meeting Schedule

❖ Meeting Schedule, Agenda, Slides, and Notes:

<https://communities.geoplatform.gov/ngda-portfolio/meetings/>

Date	Time (Eastern)
Jan 9 (Thursday)*	1:00 - 2:30 ET
Feb 6 (Thursday)*	1:00 - 2:30 ET
Mar 11 (Wednesday)*	1:00 - 2:30 ET
Apr 7 (Tuesday)	1:00 - 2:30 ET
May 7 (Thursday)	1:00 - 2:30 ET
June 2 (Tuesday)	1:00 - 2:30 ET
July 16 (Thursday)*	1:00 - 2:30 ET
Aug 4 (Tuesday)	1:00 - 2:30 ET
Sep 3 (Thursday)	1:00 - 2:30 ET
Oct 6 (Tuesday)	1:00 - 2:30 ET
Nov 5 (Thursday)	1:00 - 2:30 ET
Dec 1 (Tuesday)	1:00 - 2:30 ET

** Denotes date adjustment due to holiday or other conflict*